

**INDIAN BUREAU OF MINES
MINERALS DEVELOPEMMENT AND REGULATION DIVISION**

MCDR INSPECTION REPORT

Nagpur regional office

Mine file No : MAH/CND/LST-2/NGP

Mine code : 38MSH08008

- (i) Name of the Inspecting : **S123**) **A.K. PATEL**
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : Shri H.Rao Mining Engineer, Mine owner Shri Raghuvendr
Official with
Designation
- (iv) Date of Inspection : 13-Jul-22
- (v) Prev.inspection date : 27-Feb-17

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **ZUTTING (18.20 HA)**
- (b) **Registration NO.** : **IBM/5086/2011**
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address :
State : MAHARASHTRA
District : CHANDRAPUR
Village : ZUTING
Taluka : KORPANA
Post office : NARANDA
Pin Code :
FAX No. :
E-mail :
Phone :
- (f) Police Station :
- (g) First opening date : 26-Mar-77
- (h) Weekly day of rest : WED
2. Address for :
correspondance
3. (a) Lease Number : MSH0015
- (b) Lease area : 18.2
- (c) Period of lease : 50
- (d) Date of Expiry : 08-Mar-27
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : Shri V.Suguna Bhushan Rao
 Allapalli Road ,
 Ballarshah, Chandrapur
 Distt. Chandrapur (MS)
 CHANDRAPUR MAHARASHTRA
 Phone:
 FAX :

Owner : Shri V.Suguna Bhushan Rao
 Allapalli Road ,
 Ballarshah, Distt.
 Chandrapur (MS) CHANDRAPUR
 MAHARASHTRA
 Phone:
 FAX :

Mining Engineer

Name : J. HANUMANTH RAO, Full Time
 Qualification : BE(MINING)
 Appointment/ Termination date : 22-Dec-99

6. Date of approval of Mining	:	Mining Scheme rule 12 MCDR1988	10-May-04
Plan/Scheme of Mining	:	Mining Scheme rule 12 MCDR1988	18-Dec-09
	:	Mining Scheme rule 12 MCDR1988	05-Jun-13
	:	MP modif under 17(3) MCR 2016	17-Aug-17

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	1	1	-
1b	Exploration over lease area for geological axis 1 or 2	16	06	--
1c	Exploration Agencies and Expenditure in lakh rupees during the year	OWN DRILLING	0.6 LACKS	

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	no	nil	as above
2c	Stripping ratio or ore to OB ratio	1:0.08	1:0.08	as above
2d	Quantity of topsoil generation in m3	no	nil	
2e	Quantity of overburden generation in m3	no	nil	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	-	-	-

Exploitation:

Sl.No.	Item	Proposals	Actual work	Remarks
3a	Number of pit proposed for production	1	1	done
3b	Quantity of ROM mineral production proposed	36735 T	140 T	AS ABOVE

3c	Recovery of sailable/usable mineral from ROM production	27715 T	140 T	
3d	Quantity of mineral reject generation	5510 T	NIL	--
3e	Grade of mineral rejects generation and threshold value declared.	NIL	NIL	
3f	Quantity of sub grade mineral generation.	5510 T	NIL	--
3g	Grade of sub grade mineral generation	NIL	NIL	
3h	Manual / Mechanised method adopted for segregating from ROM	MANUAL	MANUAL	--
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	NO	NO	
3j	Provision of drilling and blasting in mineral benches	NO	NO	
3k	Provision of mining machineries in mineral benches	NO	NO	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	YES	YES	
3m	Total area covered under excavation/pits	3.295 HA	NIL	MINE WAS NOT WORKED DUE TO ECONOMIC PROBLEM
3n	Ore to OB ratio for the pit/mine during the year.	1:0.08	NIL	--

3o	Total area put in use under different heads at the end of year	3.29 HA	0.001 HA	-
3p	Production of ROM mineral during the last five year period as applicable	36715 T	140 T	ECONOMIC PROBLEM
3q	General remarks of inspecting officers on method of mining etc.	-	-	ECONOMIC PROBLEM

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	NIL	NIL	--
4b	Location of topsoil, OB and mineral reject dumps	NIL	NIL	NO TOP SOIL REMOVAL PROPOSED
4c	Number of dumps within lease area and outside of lease area	06	06	--
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	--	--	--
4e	Number of active and alive dumps.	1	1	-
4f	Number of dead dumps.	5	5	--
4g	Number of dumps established.	5	5	--
4h	Whether Retaining wall or garland drain all along dumps are there.	YES	YES	GARLAND DRAIN PROPOSED
4i	Length of Retaining wall or garland drain all along dumps	--	--	--

4j	Number of settling ponds	1	1	-
4k	Specific comments of inspecting officer on waste dump management	--	--	DUE TO LOCK DOWN AND ENECONOMIC OPERATION MINE NOT WORK AS PROPOSED PERIOD.

Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	NIL	NIL	--
5b	Area under backfilling of mined out area	NIL	NIL	--
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	NIL	NIL	--
5d	Total area fully reclaimed and rehabilitated	NIL	NIL	--
5e	General remarks of inspecting officers on backfilling and reclamation etc.	--	--	--

Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	YES	YES	--
6b	Area available for rehabilitation (ha) .	NIL	NIL	--

6c	afforestation done (ha).	NIL	NIL	--
6d	No. of saplings planted during the year	NIL	NIL	--
6e	Cumulative no .of plants	NIL	NIL	--
6f	Any other method of rehabilitation	NIL	NIL	--
6g	Cost incurred on watch and care during the year	--	--	--

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	MANUAL	MANUAL	--
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	MANUAL	MANUAL	---
7c	Different grade of mineral sorted out at mines.	NIL	NIL	--
7d	Any beneficiation process at mines	NIL	NIL	--
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	--	--	--

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	NIL	NIL	--

8b	Concurrent use or storage of topsoil	NIL	NIL	--
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	NIL	NIL	--
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NIL	NIL	--
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	NIL	NIL	--
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	460 SQ.M	460 SQ. M	--
8g	Survival rate	80%	80%	--
8h	Water sprinkling on roads to control airborne dust	YES	YES	--
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	--	--	--

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	MR SUBMITTED AUG 2022 AR SUBMITTED 2021-22	AS PER AR	AS PER AR

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	AS PER AR	AS PER AR	AS PER AR
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	AS PER AR	AS PER AR	
9d	Scrutiny of Annual return on afforestation	AS PER AR	AS PER AR	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	AS PER AR	AS PER AR	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	AS PER AR	AS PER AR	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	AS PER AR	AS PER AR	
9h	Scrutiny of Annual return on fixed assets	AS PER AR	AS PER AR	
9k	Scrutiny of Annual return on mining machineries	AS PER AR	AS PER AR	

Details of violations observed during current inspection and compliance position of violation pointed out

Violation observed		Show cause position	
Rule NO.	Issued on Compliance on	Rule NO.	Issued on Compliance on

Date :

(A.K. PATEL)

Indian Bureau of Mines